



**COLLEGE of AMERICAN
PATHOLOGISTS**

325 Waukegan Road, Northfield, Illinois 60093-2750
800-323-4040 • cap.org

ORIGINAL EVALUATION

C-C 2023 General Chemistry/Therapeutic Drugs

INSTITUTION: LKF Laboratorium fur Klinische Forschung GmbH
Schwentinental GE 24223

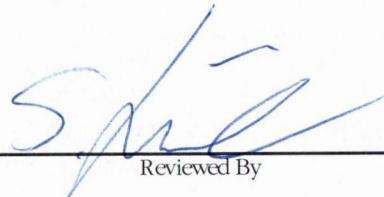
ATTENTION: Volker El-Samalouti PhD

CAP NUMBER: 7234136-01 **Kit#** 1

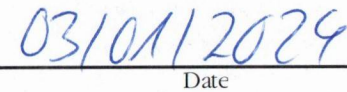
KIT INFORMATION:	Kit ID:	Kit Mailed:	Original Evaluation:	Next Mailing Date:
	37148824	9/25/2023	10/31/2023	3/4/2024

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LEGEND: **Exception Reason Codes appearing in this evaluation:**
[20] = Response was not formally graded due to insufficient peer group data. Please see the participant summary for additional information.



Reviewed By



Date

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CAP Number: 7234136-01

Kit# 1

Institution: LKF Laboratorium fur Klinische Forschung GmbH

Attention: Volker El-Samalouti PhD

City / State: Schwentimental GE 24223

Kit ID: 37148824

Kit Mailed: 9/25/2023

Original Evaluation: 10/31/2023

**EVALUATION
ORIGINAL**

C-C 2023 General Chemistry/Therapeutic Drugs

Test Unit of Measure Peer Group	Evaluation and Comparative Method Statistics									Plot of the Relative Distance of Your Results from Target as Percentages of allowed Deviation Survey -100-----Mean-----+100
	Specimen	Your Result	Mean	S.D.	No. of Labs	S.D.I	Limits of Acceptability Lower Upper		Your Grade	
Bilirubin, direct mg/dL DIAZO SALT w/BLK (ROCH ROCHE COBAS c500/c303	CHM-11	0.7	0.58	0.10	197	+1.2	0.1	1.0	Acceptable	
	CHM-12	1.5	1.46	0.17	195	+0.2	1.0	1.9	Acceptable	
	CHM-13	0.1	0.10	0.01	178	0.0	0.0	0.5	Acceptable	
	CHM-14	1.1	0.93	0.15	198	+1.1	0.5	1.4	Acceptable	
	CHM-15	0.7	0.63	0.10	195	+0.7	0.2	1.1	Acceptable	
Bilirubin, total mg/dL DIAZO SALT w/BLK (ROCH ROCHE COBAS c500/c303	CHM-11	1.8	1.55	0.14	193	+1.8	1.1	2.0	Acceptable	
	CHM-12	4.1	3.90	0.18	192	+1.1	3.1	4.7	Acceptable	
	CHM-13	0.3	0.26	0.05	195	+0.8	0.0	0.7	Acceptable	
	CHM-14	2.9	2.52	0.17	195	+2.2	2.0	3.1	Acceptable	
	CHM-15	1.8	1.61	0.14	195	+1.3	1.2	2.1	Acceptable	
Calcium, serum mmol/L CRESOLPHTHALEIN COMPL ROCHE COBAS c500/c303	CHM-11	2.18	2.147	0.040	119	+0.8	1.89	2.40	Acceptable	
	CHM-12	2.22	2.171	0.037	117	+1.3	1.92	2.43	Acceptable	
	CHM-13	3.25	3.217	0.056	115	+0.6	2.96	3.47	Acceptable	
	CHM-14	2.45	2.379	0.039	119	+1.8	2.12	2.63	Acceptable	
	CHM-15	1.76	1.718	0.031	116	+1.4	1.46	1.97	Acceptable	
Chloride mmol/L ION SELECT ELECT DIL ROCHE COBAS c6000 ISE	CHM-11	103	100.8	1.1	358	+1.9	95	106	Acceptable	
	CHM-12	107	105.4	1.1	361	+1.4	100	111	Acceptable	
	CHM-13	83	82.4	1.2	360	+0.6	78	87	Acceptable	
	CHM-14	101	99.9	1.2	362	+0.9	94	105	Acceptable	
	CHM-15	110	107.7	1.3	361	+1.8	102	114	Acceptable	

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	Specimen	Your Result	Mean	S.D.	No. of Labs	S.D.I	Limits of Acceptability Lower Upper		Your Grade	
Cholesterol mg/dL ENZYMATIC ROCHE COBAS c500/ c303	CHM-11	191.00	193.561	3.845	836	-0.7	174.20	212.92	Acceptable	
	CHM-12	111.00	112.487	2.384	834	-0.6	101.23	123.74	Acceptable	
	CHM-13	200.00	201.645	3.910	835	-0.4	181.48	221.81	Acceptable	
	CHM-14	144.00	145.859	3.065	832	-0.6	131.27	160.45	Acceptable	
	CHM-15	203.00	206.519	4.153	835	-0.8	185.86	227.18	Acceptable	
CO2 mmol/L ENZYMATIC ROCHE COBAS c500/ c303	CHM-11	27	27.0	2.0	911	0.0	20	33	Acceptable	
	CHM-12	26	26.5	1.7	905	-0.3	21	32	Acceptable	
	CHM-13	20	19.3	1.5	907	+0.4	14	24	Acceptable	
	CHM-14	26	25.1	1.9	912	+0.5	19	31	Acceptable	
	CHM-15	31	29.4	2.3	915	+0.7	22	37	Acceptable	
Creatinine, serum mg/dL ENZYMATIC ROCHE COBAS c500/ c303	CHM-11	2.65	2.659	0.053	456	-0.2	2.26	3.06	Acceptable	
	CHM-12	5.48	5.568	0.100	458	-0.9	4.73	6.41	Acceptable	
	CHM-13	2.02	2.031	0.042	461	-0.2	1.72	2.34	Acceptable	
	CHM-14	4.18	4.308	0.078	455	-1.6	3.66	4.96	Acceptable	
	CHM-15	2.30	2.331	0.047	452	-0.7	1.98	2.69	Acceptable	
Glucose, serum mg/dL HEXOKINASE G6PDH/UV ROCHE COBAS c500/ c303	CHM-11	124.0	120.86	2.14	964	+1.5	108.7	133.0	Acceptable	
	CHM-12	79.0	78.03	1.47	964	+0.7	70.2	85.9	Acceptable	
	CHM-13	292.0	288.78	5.15	964	+0.6	259.9	317.7	Acceptable	
	CHM-14	131.0	128.97	2.33	967	+0.9	116.0	141.9	Acceptable	
	CHM-15	62.0	60.87	1.19	964	+0.9	54.7	67.0	Acceptable	

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	Specimen	Your Result	Mean	S.D.	No. of Labs	S.D.I	Limits of Acceptability Lower	Upper	Your Grade	
HDL Cholesterol mg/dL ROCHE HDL-CHOL PLUS ROCHE COBAS c500/c303	CHM-11	77.00	75.657	2.618	179	+0.5	52.95	98.36	Acceptable	
	CHM-12	47.00	44.839	1.679	179	+1.3	31.38	58.29	Acceptable	
	CHM-13	101.00	99.192	3.503	179	+0.5	69.43	128.95	Acceptable	
	CHM-14	63.00	61.446	2.265	179	+0.7	43.01	79.88	Acceptable	
	CHM-15	75.00	72.924	2.715	178	+0.8	51.04	94.81	Acceptable	
hCG, serum, quant mIU/mL (IU/L) ROCHE c600 SER/E170 BE	CHM-11	565.80	548.736	19.625	295	+0.9	489.86	607.62	Acceptable	
	CHM-12	240.30	230.802	7.330	295	+1.3	208.81	252.80	Acceptable	
	CHM-13	400.80	395.182	13.058	296	+0.4	356.00	434.36	Acceptable	
	CHM-14	329.30	324.584	10.945	295	+0.4	291.74	357.43	Acceptable	
	CHM-15	693.00	672.127	21.400	293	+1.0	607.92	736.33	Acceptable	
LDL, measured mg/dL ROCHE LDL (COBAS C)	CHM-11	87.00	95.141	3.569	677	-2.3	66.59	123.69	Acceptable	
	CHM-12	52.00	56.452	2.125	669	-2.1	39.51	73.39	Acceptable	
	CHM-13	85.00	91.832	3.255	678	-2.1	64.28	119.39	Acceptable	
	CHM-14	65.00	70.888	2.482	667	-2.4	49.62	92.16	Acceptable	
	CHM-15	96.00	104.515	3.566	668	-2.4	73.16	135.87	Acceptable	
Potassium, serum mmol/L ION SELECT ELECT DIL ROCHE COBAS c6000 ISE	CHM-11	4.8	4.74	0.07	362	+1.0	4.2	5.3	Acceptable	
	CHM-12	6.1	6.16	0.07	358	-0.8	5.6	6.7	Acceptable	
	CHM-13	2.4	2.40	0.05	357	0.0	1.9	3.0	Acceptable	
	CHM-14	5.2	5.13	0.07	362	+1.0	4.6	5.7	Acceptable	
	CHM-15	5.4	5.41	0.07	363	-0.2	4.9	6.0	Acceptable	

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	Specimen	Your Result	Mean	S.D.	No. of Labs	S.D.I	Limits of Acceptability Lower Upper		Your Grade	
Sodium, serum mmol/L ION SELECT ELECT DIL ROCHE COBAS c6000 ISE	CHM-11	144	142.9	1.3	362	+0.8	138	147	Acceptable	
	CHM-12	146	144.7	1.4	364	+1.0	140	149	Acceptable	
	CHM-13	120	119.4	1.2	363	+0.5	115	124	Acceptable	
	CHM-14	140	139.2	1.4	365	+0.6	135	144	Acceptable	
	CHM-15	154	152.6	1.4	360	+1.0	148	157	Acceptable	
Triglycerides mg/dL ENZ COLOR w/oGB w/oSB ROCHE COBAS c500/c303	CHM-11	206.00	214.791	5.429	151	-1.6	161.09	268.49	Acceptable	
	CHM-12	143.00	144.823	3.202	150	-0.6	108.61	181.03	Acceptable	
	CHM-13	118.00	119.797	2.666	151	-0.7	89.84	149.75	Acceptable	
	CHM-14	149.00	153.791	3.441	151	-1.4	115.34	192.24	Acceptable	
	CHM-15	256.00	266.915	7.613	151	-1.4	200.18	333.65	Acceptable	
Urea Nitrogen mg/dL UREASE WITH GLDH ROCHE COBAS c500/c303	CHM-11	24.0	22.94	0.64	1005	+1.6	20.8	25.1	Acceptable	
	CHM-12	11.0	10.50	0.43	1009	+1.2	8.4	12.5	Acceptable	
	CHM-13	45.0	43.13	1.19	1003	+1.6	39.2	47.1	Acceptable	
	CHM-14	20.0	19.50	0.59	1005	+0.9	17.5	21.5	Acceptable	
	CHM-15	17.0	17.20	0.52	1003	-0.4	15.1	19.2	Acceptable	
Uric Acid mg/dL URICASE ROCHE COBAS c500/c303	CHM-11	5.0	5.00	0.12	982	0.0	4.1	5.9	Acceptable	
	CHM-12	4.6	4.59	0.11	986	+0.1	3.8	5.4	Acceptable	
	CHM-13	10.8	10.71	0.25	987	+0.4	8.8	12.6	Acceptable	
	CHM-14	5.9	5.92	0.13	976	-0.2	4.9	7.0	Acceptable	
	CHM-15	2.8	2.74	0.07	977	+0.9	2.2	3.3	Acceptable	

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	Specimen	Your Result	Mean	S.D.	No. of Labs	S.D.I	Limits of Acceptability Lower	Upper	Your Grade	
ALT (SGPT) U/L ROCHE COBAS c500/c303 ROCHE w/ P5P	CHM-11	115	115.1	2.3	261	0.0	92	139	Acceptable	
	CHM-12	43	42.7	1.2	264	+0.3	34	52	Acceptable	
	CHM-13	216	215.8	4.0	263	0.0	172	259	Acceptable	
	CHM-14	90	90.7	1.9	264	-0.4	72	109	Acceptable	
	CHM-15	90	89.6	1.9	262	+0.2	71	108	Acceptable	
Albumin g/L DYE BINDING-BCG ROCHE COBAS c500/c303	CHM-11	38.0	38.11	0.97	904	-0.1	34.2	42.0	Acceptable	
	CHM-12	26.0	25.50	0.92	906	+0.5	22.9	28.1	Acceptable	
	CHM-13	30.0	28.61	0.98	910	+1.4	25.7	31.5	Acceptable	
	CHM-14	29.0	28.63	0.95	907	+0.4	25.7	31.5	Acceptable	
	CHM-15	44.0	44.17	1.08	904	-0.2	39.7	48.6	Acceptable	
Alkaline Phosphatase U/L ROCHE COBAS c500/c303 ROCHE	CHM-11	169	167.3	6.6	999	+0.3	117	218	Acceptable	
	CHM-12	64	62.9	2.7	1002	+0.4	44	82	Acceptable	
	CHM-13	382	386.9	13.5	998	-0.4	270	503	Acceptable	
	CHM-14	145	143.6	5.3	999	+0.3	100	187	Acceptable	
	CHM-15	102	107.0	5.0	1000	-1.0	74	140	Acceptable	
Amylase, serum U/L ROCHE COBAS c500/c303 ROCHE	CHM-11	205	204.5	3.2	891	+0.2	143	266	Acceptable	
	CHM-12	58	58.5	1.2	899	-0.4	40	77	Acceptable	
	CHM-13	470	467.1	7.4	892	+0.4	326	608	Acceptable	
	CHM-14	168	170.2	2.8	894	-0.8	119	222	Acceptable	
	CHM-15	124	125.0	2.1	888	-0.5	87	163	Acceptable	

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	Specimen	Your Result	Mean	S.D.	No. of Labs	S.D.I	Lower	Upper	Your Grade	
AST (SGOT) U/L ROCHE COBAS c500/ c303 ROCHE w/ P5P	CHM-11	160	154.1	3.0	249	+2.0	123	185	Acceptable	
	CHM-12	41	42.2	1.5	252	-0.8	33	51	Acceptable	
	CHM-13	332	320.6	7.1	251	+1.6	256	385	Acceptable	
	CHM-14	123	119.6	2.5	250	+1.4	95	144	Acceptable	
	CHM-15	112	108.4	2.1	249	+1.7	86	131	Acceptable	
Cortisol, serum ug/dL ROCHE c600 SER/E170	CHM-11	18.5	18.57	0.67	160	-0.1	13.9	23.3	Acceptable	
	CHM-12	9.4	9.43	0.34	159	-0.1	7.0	11.8	Acceptable	
	CHM-13	12.0	11.99	0.39	159	0.0	8.9	15.0	Acceptable	
	CHM-14	11.9	11.72	0.43	159	+0.4	8.7	14.7	Acceptable	
	CHM-15	22.9	23.19	0.88	160	-0.3	17.3	29.0	Acceptable	
Creatine Kinase U/L ROCHE COBAS c500/ c303 ROCHE	CHM-11	357	338.5	11.5	967	+1.6	236	441	Acceptable	
	CHM-12	182	177.5	5.5	968	+0.8	124	231	Acceptable	
	CHM-13	191	181.1	8.1	952	+1.2	126	236	Acceptable	
	CHM-14	218	206.5	7.1	966	+1.6	144	269	Acceptable	
	CHM-15	443	428.4	13.6	968	+1.1	299	557	Acceptable	
Gamma Glutamyl Trans U/L ROCHE COBAS c500/ c303 ROCHE GGT IFCC	CHM-11	145	136.3	9.8	282	+0.9	106	166	Acceptable	
	CHM-12	59	54.5	4.4	279	+1.0	41	68	Acceptable	
	CHM-13	266	249.0	17.8	285	+1.0	195	303	Acceptable	
	CHM-14	116	109.9	8.1	283	+0.8	85	135	Acceptable	
	CHM-15	113	105.9	7.7	283	+0.9	82	130	Acceptable	

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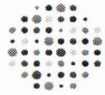
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Iron ug/dL FERRACHROME w/o PPR ROCHE COBAS c500/c303	CHM-11	161	158.0	3.1	658	+1.0	126	190	Acceptable	
	CHM-12	89	86.5	2.2	648	+1.2	69	104	Acceptable	
	CHM-13	143	139.0	2.8	654	+1.4	111	167	Acceptable	
	CHM-14	112	111.2	2.4	654	+0.3	88	134	Acceptable	
	CHM-15	186	180.3	3.5	661	+1.6	144	217	Acceptable	
Lactate Dehydrogenase U/L ROCHE COBAS c500/c303 ROCHE	CHM-11	285	288.8	6.1	874	-0.6	231	347	Acceptable	
	CHM-12	166	169.9	4.0	879	-1.0	135	204	Acceptable	
	CHM-13	474	479.5	10.2	875	-0.5	383	576	Acceptable	
	CHM-14	252	256.3	5.4	874	-0.8	205	308	Acceptable	
	CHM-15	231	233.4	5.0	872	-0.5	186	281	Acceptable	
Magnesium mmol/L COLOR-DYE-XYLIDYL BLUE ROCHE COBAS c500/c303	CHM-11	1.39	1.368	0.028	849	+0.8	1.02	1.72	Acceptable	
	CHM-12	1.06	2.073	0.076	834	-13.3	1.55	2.60	Unacceptable	
	CHM-13	0.58	0.583	0.018	856	-0.2	0.43	0.73	Acceptable	
	CHM-14	1.67	1.625	0.032	849	+1.4	1.21	2.04	Acceptable	
	CHM-15	1.57	1.546	0.031	850	+0.8	1.15	1.94	Acceptable	
Pancreatic Amylase U/L ROCHE COBAS c500/c303 ROCHE	CHM-11	69	69.2	1.4	52	-0.2	48	90	Acceptable	
	CHM-12	27	27.7	0.8	53	-0.9	19	37	Acceptable	
	CHM-13	132	132.7	2.3	53	-0.3	92	173	Acceptable	
	CHM-14	56	57.1	1.1	52	-1.0	39	75	Acceptable	
	CHM-15	51	51.3	1.0	53	-0.3	35	67	Acceptable	

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Attention: Volker El-Samalouti PhD

City/ State: Schwentimental GE 24223

Kit ID: 37148824

Kit Mailed: 9/25/2023

Original Evaluation: 10/31/2023

**EVALUATION
ORIGINAL**

C-C 2023 General Chemistry/Therapeutic Drugs

Test Unit of Measure Peer Group	Evaluation and Comparative Method Statistics									Plot of the Relative Distance of Your Results from Target as Percentages of allowed Deviation Survey -100-----Mean-----+100
	Specimen	Your Result	Mean	S.D.	No. of Labs	S.D.I	Limits of Acceptability Lower Upper		Your Grade	
Phosphorus, serum mmol/L PHOSPHOMOLYBDATE UV ROCHE COBAS c500/c303	CHM-11	1.38	1.446	0.051	938	-1.3	1.29	1.61	Acceptable	
	CHM-12	1.94	1.930	0.045	942	+0.2	1.72	2.14	Acceptable	
	CHM-13	0.69	0.704	0.026	940	-0.5	0.60	0.81	Acceptable	
	CHM-14	1.58	1.601	0.041	941	-0.5	1.42	1.78	Acceptable	
	CHM-15	1.60	1.649	0.069	937	-0.7	1.47	1.83	Acceptable	
Protein, total, serum g/L BIURET ROCHE COBAS c500/c303	CHM-11	57.0	56.64	1.02	979	+0.4	50.9	62.3	Acceptable	
	CHM-12	36.0	35.44	0.72	977	+0.8	31.8	39.0	Acceptable	
	CHM-13	44.0	43.09	0.84	979	+1.1	38.7	47.4	Acceptable	
	CHM-14	41.0	41.15	0.82	986	-0.2	37.0	45.3	Acceptable	
	CHM-15	67.0	66.28	1.26	987	+0.6	59.6	73.0	Acceptable	
Triiodothyronine (T3) ng/dL ROCHE c600 SER/E170	CHM-11	297.0	300.37	10.11	83	-0.3	270.0	330.7	Acceptable	
	CHM-12	199.0	195.19	6.30	83	+0.6	176.3	214.1	Acceptable	
	CHM-13	248.0	251.79	6.63	82	-0.6	231.9	271.7	Acceptable	
	CHM-14	236.0	231.33	6.76	82	+0.7	211.0	251.7	Acceptable	
	CHM-15	339.0	333.25	10.84	81	+0.5	300.7	365.8	Acceptable	
T3, free pg/mL ROCHE c600 SER/E170	CHM-11	12.1	10.23	0.41	147	+4.5	8.9	11.5	Unacceptable	
	CHM-12	6.7	5.75	0.25	147	+3.8	5.0	6.6	Unacceptable	
	CHM-13	9.1	7.53	0.46	147	+3.4	6.1	9.0	Unacceptable	
	CHM-14	8.3	7.16	0.34	147	+3.4	6.1	8.2	Unacceptable	
	CHM-15	14.0	11.69	0.38	146	+6.1	10.5	12.9	Unacceptable	

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**COLLEGE of AMERICAN
PATHOLOGISTS**

325 Waukegan Road, Northfield, Illinois 60093-2750
800-323-4040 • cap.org

CAP Number: 7234136-01

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C-C 2023 General Chemistry/Therapeutic Drugs

Test Unit of Measure Peer Group	Evaluation and Comparative Method Statistics									Plot of the Relative Distance of Your Results from Target as Percentages of allowed Deviation Survey -100-----Mean-----+100
	Specimen	Your Result	Mean	S.D.	No. of Labs	S.D.I	Limits of Acceptability Lower Upper	Your Grade		
Thyroxine (T4), Free ng/dL ROCHE e600 SER/E170	CHM-11	2.2	2.10	0.09	336	+1.0	1.8 2.4	Acceptable		
	CHM-12	1.6	1.57	0.07	336	+0.5	1.3 1.8	Acceptable		
	CHM-13	2.1	2.04	0.08	336	+0.7	1.7 2.3	Acceptable		
	CHM-14	1.9	1.79	0.08	335	+1.4	1.5 2.1	Acceptable		
	CHM-15	2.2	2.22	0.10	336	-0.2	1.9 2.6	Acceptable		
Thyroxine (T4) ug/dL ROCHE e600 SER/E170	CHM-11	8.1	8.41	0.27	106	-1.1	6.7 10.1	Acceptable		
	CHM-12	5.1	5.13	0.20	106	-0.1	4.1 6.2	Acceptable		
	CHM-13	6.9	6.90	0.27	108	0.0	5.5 8.3	Acceptable		
	CHM-14	6.1	6.19	0.21	106	-0.4	4.9 7.5	Acceptable		
	CHM-15	9.7	9.72	0.34	106	-0.1	7.7 11.7	Acceptable		
Thyroid Stim Hormone uIU/mL (mIU/L) ROCHE e600 SER/E170	CHM-11	4.27	4.229	0.120	402	+0.3	3.86 4.59	Acceptable		
	CHM-12	2.41	2.430	0.064	405	-0.3	2.23 2.63	Acceptable		
	CHM-13	0.97	0.979	0.025	401	-0.4	0.90 1.06	Acceptable		
	CHM-14	2.46	2.497	0.066	402	-0.6	2.29 2.70	Acceptable		
	CHM-15	5.85	5.767	0.177	403	+0.5	5.23 6.30	Acceptable		
Ferritin ng/mL (ug/L) ROCHE e600 SER/E170	CHM-11	142	141.1	4.7	233	+0.2	127 156	Acceptable		
	CHM-12	74	77.4	2.6	234	-1.3	69 86	Acceptable		
	CHM-13	48	49.8	1.8	235	-1.0	44 56	Acceptable		
	CHM-14	81	84.1	3.0	235	-1.0	75 94	Acceptable		
	CHM-15	186	188.1	6.6	233	-0.3	168 208	Acceptable		

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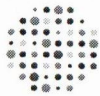
Original Evaluation: 10/31/2023

**EVALUATION
ORIGINAL**

C-C 2023 General Chemistry/Therapeutic Drugs

Test Unit of Measure Peer Group	Evaluation and Comparative Method Statistics									Plot of the Relative Distance of Your Results from Target as Percentages of allowed Deviation Survey -100-----Mean-----+100
	Specimen	Your Result	Mean	S.D.	No. of Labs	S.D.I	Limits of Acceptability Lower Upper		Your Grade	
Lipase U/L ROCHE COBAS c500/ c303 ROCHE	CHM-11	137	134.7	5.1	930	+0.5	94	176	Acceptable	C-C 2023 C-B 2023 C-A 2023
	CHM-12	74	73.0	2.7	925	+0.4	51	95	Acceptable	
	CHM-13	33	32.0	1.3	940	+0.8	22	42	Acceptable	
	CHM-14	78	76.9	2.8	923	+0.4	53	100	Acceptable	
	CHM-15	190	185.8	6.9	922	+0.6	130	242	Acceptable	
TIBC ug/ dL TURBIDIMETRC/IMMUNOTUR ROCHE COBAS c500/ c303	CHM-11	324 ✓			2				See Note [20]	
	CHM-12	185 ✓			2				See Note [20]	
	CHM-13	235 ✓			2				See Note [20]	
	CHM-14	214 ✓			2				See Note [20]	
	CHM-15	369 ✓			2				See Note [20]	
Transferrin mg/ dL ROCHE COBAS c SERIES	CHM-11	230.00	221.885	5.227	392	+1.6	177.50	266.27	Acceptable	C-C 2023 C-B 2023 C-A 2023
	CHM-12	131.00	130.602	2.770	389	+0.1	104.48	156.73	Acceptable	
	CHM-13	167.00	167.845	3.499	388	-0.2	134.27	201.42	Acceptable	
	CHM-14	152.00	155.468	3.309	391	-1.0	124.37	186.57	Acceptable	
	CHM-15	262.00	262.311	6.196	392	-0.1	209.84	314.78	Acceptable	

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**EVALUATION
ORIGINAL**

C-C 2023 General Chemistry/Therapeutic Drugs

CAP

CAP #: 7234136

Subspecialty: Routine Chemistry

Regulated Analyte	Proficiency Event 2023 1			Proficiency Event 2023 2			Proficiency Event 2023 3			Current Event Performance Interpretation	Cumulative CLIA '88 Performance Interpretation
	Test Event	Score	%	Test Event	Score	%	Test Event	Score	%		
ALT	C-A	5/5	100	C-B	5/5	100	C-C	5/5	100	Satisfactory	Successful
Albumin	C-A	5/5	100	C-B	5/5	100	C-C	5/5	100	Satisfactory	Successful
Alkaline Phosphatase	C-A	5/5	100	C-B	5/5	100	C-C	5/5	100	Satisfactory	Successful
Amylase	C-A	5/5	100	C-B	5/5	100	C-C	5/5	100	Satisfactory	Successful
AST	C-A	5/5	100	C-B	5/5	100	C-C	5/5	100	Satisfactory	Successful
Bilirubin, Total	C-A	5/5	100	C-B	5/5	100	C-C	5/5	100	Satisfactory	Successful
Calcium, Total	C-A	5/5	100	C-B	5/5	100	C-C	5/5	100	Satisfactory	Successful
Chloride	C-A	5/5	100	C-B	5/5	100	C-C	5/5	100	Satisfactory	Successful
Cholesterol, Total	C-A	5/5	100	C-B	5/5	100	C-C	5/5	100	Satisfactory	Successful
Cholesterol, HDL	C-A	5/5	100	C-B	5/5	100	C-C	5/5	100	Satisfactory	Successful
Creatine Kinase	C-A	5/5	100	C-B	5/5	100	C-C	5/5	100	Satisfactory	Successful
CK Isoenzymes (CK-MB)	CAR-A	5/5	100	CAR-B	5/5	100				Pending	Successful <4>
Creatinine	C-A	5/5	100	C-B	5/5	100	C-C	5/5	100	Satisfactory	Successful
Glucose	C-A	5/5	100	C-B	5/5	100	C-C	5/5	100	Satisfactory	Successful
Iron, Total	C-A	5/5	100	C-B	5/5	100	C-C	5/5	100	Satisfactory	Successful
LD	C-A	5/5	100	C-B	5/5	100	C-C	5/5	100	Satisfactory	Successful
Magnesium	C-A	5/5	100	C-B	5/5	100	C-C	4/5	80	Satisfactory	Successful
Potassium	C-A	5/5	100	C-B	5/5	100	C-C	5/5	100	Satisfactory	Successful
Sodium	C-A	5/5	100	C-B	5/5	100	C-C	5/5	100	Satisfactory	Successful
Protein, Total	C-A	5/5	100	C-B	5/5	100	C-C	5/5	100	Satisfactory	Successful
Triglycerides	C-A	5/5	100	C-B	5/5	100	C-C	5/5	100	Satisfactory	Successful
Urea Nitrogen	C-A	5/5	100	C-B	5/5	100	C-C	5/5	100	Satisfactory	Successful
Uric Acid	C-A	5/5	100	C-B	5/5	100	C-C	5/5	100	Satisfactory	Successful

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Subspecialty: Routine Chemistry

Regulated Analyte	Proficiency Event 2023 1			Proficiency Event 2023 2			Proficiency Event 2023 3			Current Event Performance Interpretation	Cumulative CLIA '88 Performance Interpretation
	Test Event	Score	%	Test Event	Score	%	Test Event	Score	%		
Routine Chemistry		115/115	100		115/115	100		109/110	99	Satisfactory	Successful

<4> Scorecard performance pending future evaluation or may not be applicable due to discontinued testing or use of a waived method.